

Appl. No. 10/030,967

In re Tessier et al.

Reply to Office Action of September 16, 2003

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A flat-top antenna assembly for emitting and/or receiving an electromagnetic field, the flat-top antenna assembly comprising:

a mechanical support having a surface; and

~~a flat-top antenna positioned on the mechanical support, the flat-top antenna~~
comprising a plurality of turns of multi-strand conductors extending parallel to one another and stacked on one another to define a height dimension of the flat-top antenna, each of the turns defining a respective turn surface, the multi-strand conductors connected end-to-end with one another wherein the height dimension of the flat-top antenna is positioned mainly ~~ata~~ at a right angle to the turn surface and to the surface of the mechanical support, the flat-top antenna is positioned on the surface of the mechanical support and a weight of the flat-top antenna is supported by the mechanical support.

2. (Previously amended) A flat-top antenna assembly according to Claim 1, wherein the height dimension of the flat-top antenna is positioned transversely to the mechanical support, the surface of the mechanical support corresponding to the antenna turn surface.

3. (Previously amended) A flat-top antenna assembly according to Claim 2, wherein the mechanical support consists of a piece of non-metallic material.

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4. (Previously amended) A flat-top antenna assembly according to Claim 3, wherein the mechanical support consists of at least two juxtaposed pieces.

5. (Previously amended) A flat-top antenna assembly according to Claim 4, further comprising mechanical holding means for holding the flat-top antenna on the mechanical support.

6. (Previously amended) A flat-top antenna assembly according to Claim 5, wherein the holding means are positioned on the mechanical support.

7. (previously amended) A flat-top antenna assembly according to Claim 5, wherein the holding means are positioned on one or more adjacent walls mainly perpendicular to the mechanical support of the antenna.

8. (currently amended) A flat-top antenna assembly according to Claim 7, wherein the holding means comprise a groove in or on the mechanical support.

9. (previously amended) A flat-top antenna assembly according to Claim 7, wherein the holding means comprise a clip positioned on the mechanical support or on a wall adjacent to the mechanical support.

10. (previously amended) A flat-top antenna assembly according to Claim 7, wherein the holding means comprise staples.

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11. (previously amended) A flat-top antenna assembly according to Claim 7, wherein the flat-top antenna is bonded to the mechanical support or to a wall adjacent to the mechanical support.

12. (previously amended) A flat-top antenna assembly according to Claim 5, wherein the flat-top antenna is incorporated directly into the support by molding.

13. (previously amended) Hands-free access and/or starting system comprising a flat-top antenna assembly as claimed in 12.

14. (currently amended) A flat-top antenna assembly according to Claim 1, wherein the mechanical support forms part of a body of a motor vehicle.

15. (previously added) A flat-top antenna assembly according to Claim 14, wherein the motor vehicle has a floor, and wherein the flat-top antenna is incorporated into the floor of the motor vehicle.

16. (previously added) A flat-top antenna assembly according to Claim 14, wherein the motor vehicle has a roof, and wherein the flat-top antenna is incorporated into the roof of the motor vehicle.